

Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
109237APPLICATION NO.
09/883,966

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Koichi NUMATA et al.FILING DATE
June 20, 2001GROUP
1764RECEIVED
JUL 30 2003
GROUP 1764
SUB CLASS 50
CLASS 502

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
XX	1	4,855,267	08/1989	Wu-Hsun CHENG	502	50
XX	2	4,981,676	01/1991	Ronald G. MINET et al.	423	652

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
XX	3	DE 198 04 286 A1	08/1999	Germany		
XX	4	EP0 228 885 A2	07/1987	EPO		
XX	5	DE 196 18 816 C2	08/1999	Germany		
XX	6	JP 01042301 A (w/ English abstract)	02/1989	Japan		
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XX	9	JP 04200640 A (w/English abstract)	07/1992	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER		DATE CONSIDERED	8/22/06
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Date: July 29, 2003

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109237APPLICATION NO.
New U.S. Patent Application

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(Use several sheets if necessary)

APPLICANTS
Koichi NUMATA; Satoshi IGUCHIFILING DATE
June 20, 20011017 U.S. PTO
09/883966

06/20/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

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EXAMINER

DATE CONSIDERED

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